

### ABSTRACT OF THE DISCLOSURE

Building material wastes containing harmful asbestos and inorganic wastes are subjected to sintering reaction treatment to obtain asbestos-free products which are provided for recycling of waste materials. The asbestos containing building materials inorganic wastes are crushed to be mixed such that the mixture is subjected to a sintering step at a temperature of 600 °C through 1500 °C to allow the same to react thereto, thus obtaining sintered reaction products which is asbestos-free and non-hazardous. The inorganic wastes includes incineration ash from sewerage sludge which has so far used for reclamation purpose only. Sherd, glass wastes or the like can also mixed therewith for sintering reaction to obtain non-hazardous permeable blocks, thus contribution to establishing recycling systems. The method of producing such asbestos-free non-hazardous products are also provided.